

Ann. of SSE/BOX Indent No. - 92680734 dated: 11/10/2011

Annex-A

16

RS-2011-12 ' Retrofitment of bogie mounted brake system in air brake wagons.
(For BOXN, BOXNHS AND BOXNR)

DRF P. Book It. No (779/PD/11-12, 887/PD/10-11)

Material required (per wagon) for retrofitment.

As per Retrofitment of BMBS vide RDSO instruction Bulletin No. RDSO/2010/WD/WMI-03 DTD. 22.10.10

| S. No. | ITEMS | QTY | UNIT | RATE PER UNIT (₹) | VALUE (₹) |
|--------|--|-----|------|-------------------|-----------|
| | Set of Bogie mounted brake system for BOXN / BOXNHS / BOXNR wagon consisting of items given in Anx-L. Set of Bogie mounted brake system (confirming to WD-23-BMBS-2008 Rev latest and) consisting and including of all items required for (full functional BMB System) in one wagon i.e. Brake cylinder with built in slack adjuster for BMBS, Automatic pressure modification device, Bogie brake gear components, other allied hand brake components etc confirming to: (a) RDSO instruction bulletin No. RDSO/2010/WD/WMI-03 or latest (b) RDSO Drg No. WD-08093-S/2 Alt -2 or latest, WD-10061-S-01 Alt - Nil or latest, WD-10061-S-02 Alt - Nil or latest, WD-10061-S-03 Alt - Nil or latest WD-10061-S-04 Alt - Nil or latest (c) Stainless steel pipes (SS TO ASTM-A312 SCHEDULE 40 S Gr TP 304(ERW) & its fittings shall be as per RDSO specification 04-ABR-02 Rev. latest. (d) Compregnated clamps & packings shall be as per RDSO specification WD-20-ABR-07 Rev. latest (e) The brake head and other accessories for fitment of K-Type brake composition brake block shall be in accordance with RDSO specification No. WD-22-Brake (f) Brake blocks as per WD-14-ABR-2007 or latest Rev. / latest ammend.) | 200 | set | 185165 | 37033000 |

Anx-L

Set of Bogie mounted brake system for BOXN / BOXNHS / BOXNR wagon consisting of following items shown at S.No.1 to 89 for one wagon.

| S. No. | ITEMS | DRG.NO. | QTY. IN SET (NOS.) | UNIT | RATE PER SET | MATL. & SPEC. |
|--------|---|---|--------------------|------|--------------|---------------|
| 1 | AUTOMATIC PRESSURE MODIFICATION (APM) DEVICE OR VALVE ASSY, EL60 60% LH | WD-10061-S-03 ITEM-1 Alt -Nil or latest | 1 | Nos. | | |
| 2 | APM FOR AUTOMATIC PRESSURE MODIFICATION DEVICE (FOR EL 60 60% LH) | | 1 | Nos. | | |
| 3 | TEE FLANGE (20X20X20)mm | SK-96074 | 1 | Nos. | | |
| 4 | ISOLATING COCK WITH VENT | SK-98013 | 2 | Nos. | | |
| 5 | AUXILIARY RESERVOIR (6.6 Lts) FOR EL -60 APM | WD-09048-S-01, WD-10061-S-03 IT-4 | 1 | Nos. | | WD-23-BMBS |
| 6 | 20 NB PIPE (FROM APM TO DISTRIBUTER VALVE) | WD-10061-S-03 ITEM-5 | 1 | Nos. | | 04-ABR |
| 7 | 20 NB PIPE (FROM APM TO TEE FLANGE) | WD-10061-S-03 ITEM-6 | 1 | Nos. | | 04-ABR |
| 8 | 20 NB PIPE (FROM TEE FLANGE TO 1st ISOLATING COCK OF 1st BOGIE) | WD-10061-S-03 ITEM-7 | 1 | Nos. | | 04-ABR |
| 9 | 20 NB PIPE (FROM 1st/2nd ISOLATING COCK TO 1st/2nd BOGIE) | WD-10061-S-03 ITEM-8 | 2 | Nos. | | 04-ABR |
| 10 | 20 NB PIPE (FROM TEE FLANGE TO 2nd ISOLATING COCK OF 2nd BOGIE) | WD-10061-S-03 ITEM-9 | 1 | Nos. | | 04-ABR |
| 11 | HEX HEAD BOLT M12X110 | | 2 | Nos. | | |
| 12 | HEX HEAD BOLT M12X30 | | 2 | Nos. | | |
| 13 | HEX HEAD BOLT M12X35 | | 2 | Nos. | | |
| 14 | HEX HEAD BOLT M12X50 | | 3 | Nos. | | |
| 15 | HEX NUT M12 | | 12 | Nos. | | |

Page 1 of 3

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of 92680734
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